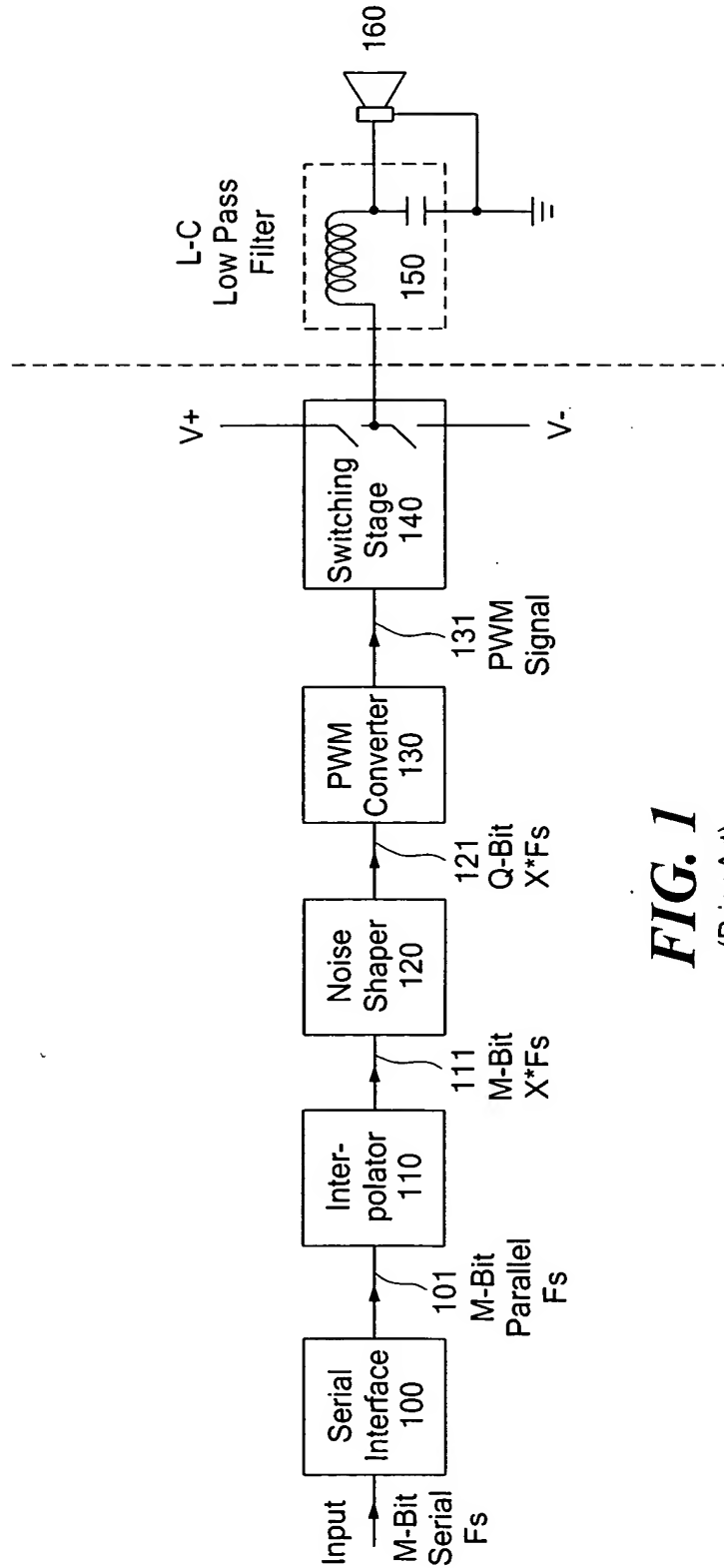




Title: MULTI-LEVEL PULSE WIDTH
MODULATION IN DIGITAL SYSTEM
Inventor Name: Ying Lau Lee
Appl. No. 10/678,614
Docket No.: HLEE-001XX

1/7



2/7

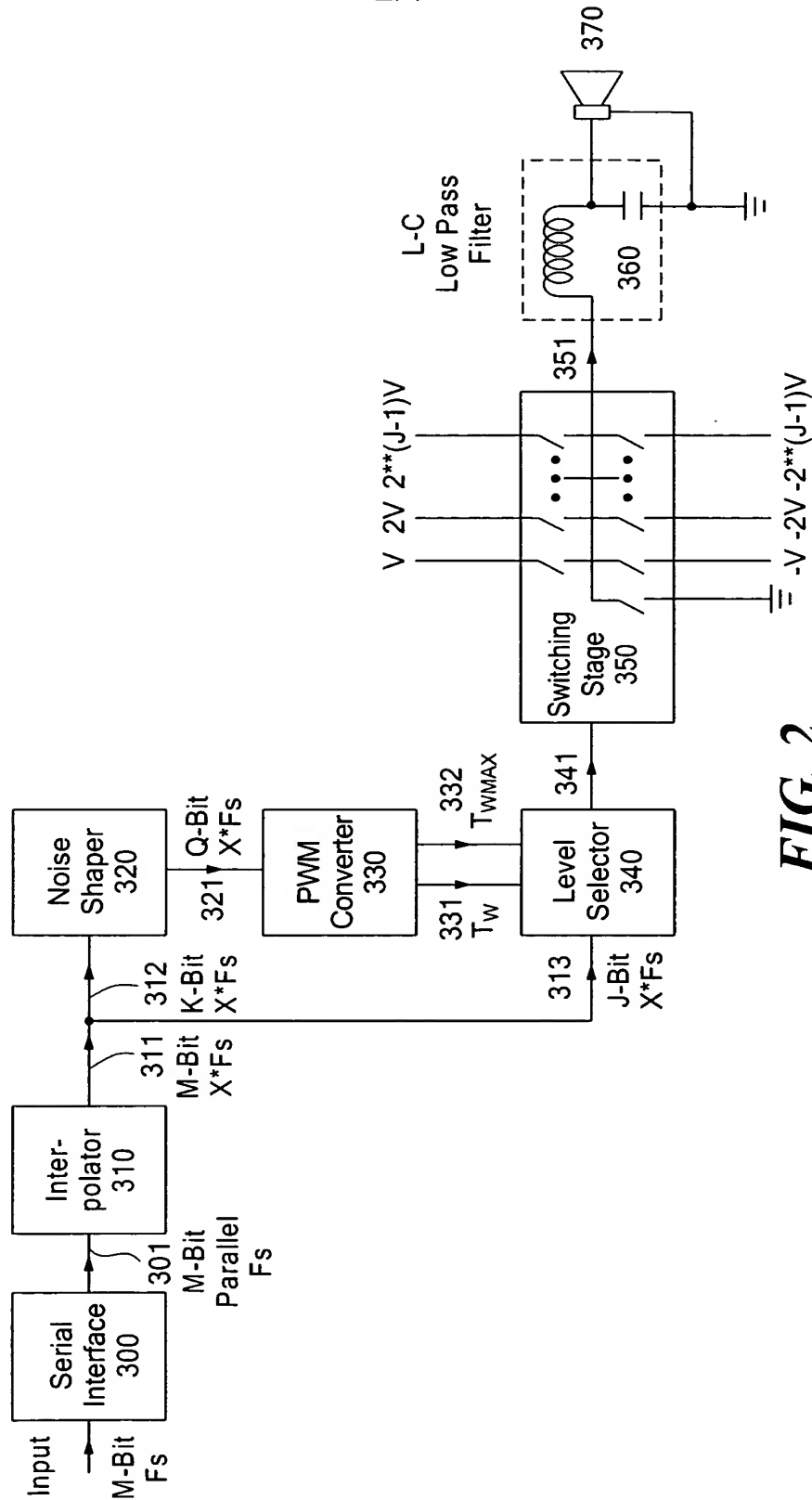


FIG. 2

3/7

-e- Input Data Sample
 T_s Sampling Cycle-Time
 T_w PWM Pulse Width
 T_{wMAX} PWM Pulse Maximum Width
-B- Base Level

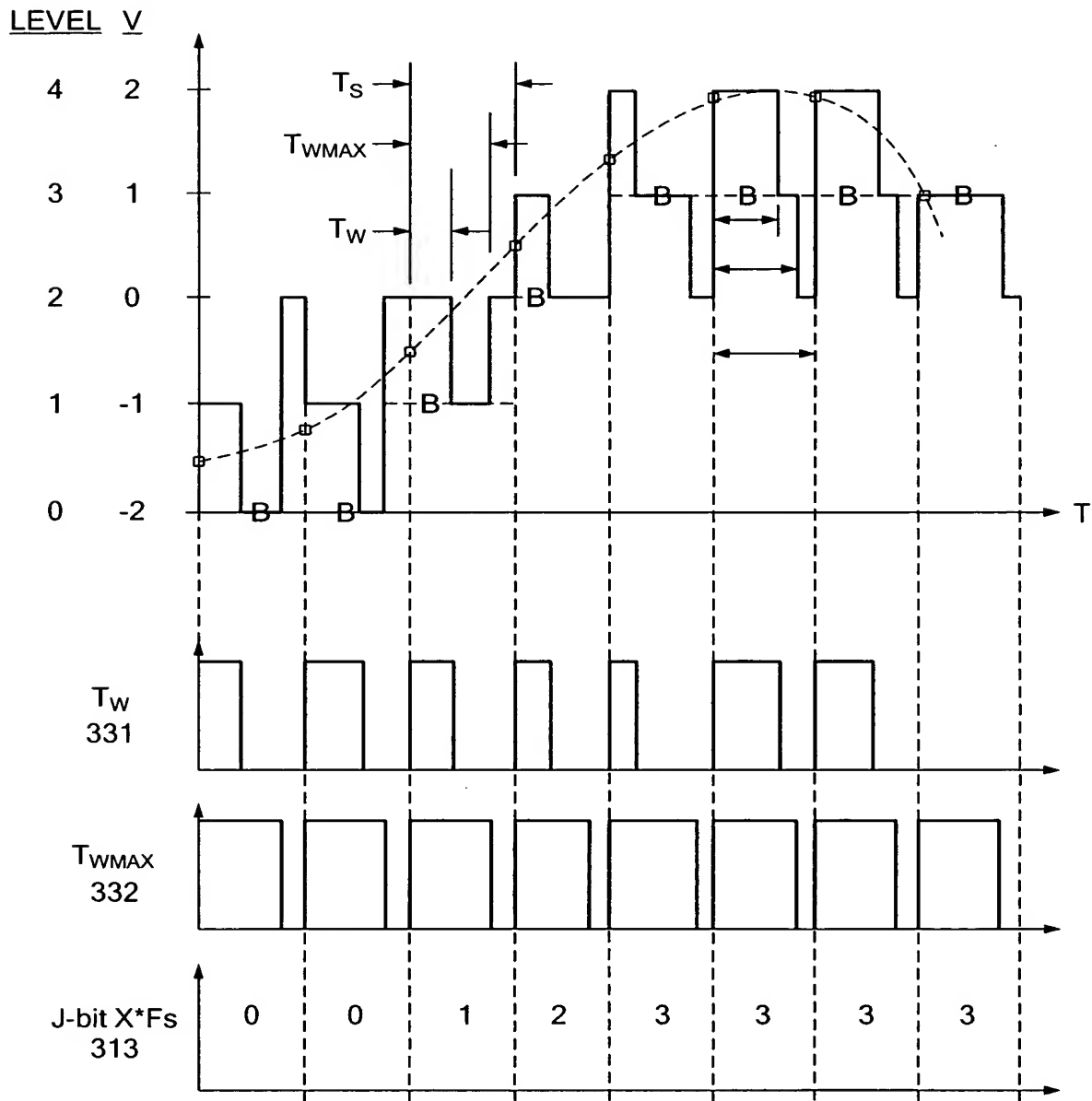


FIG. 3



FIG. 4

5/7

5a
5b

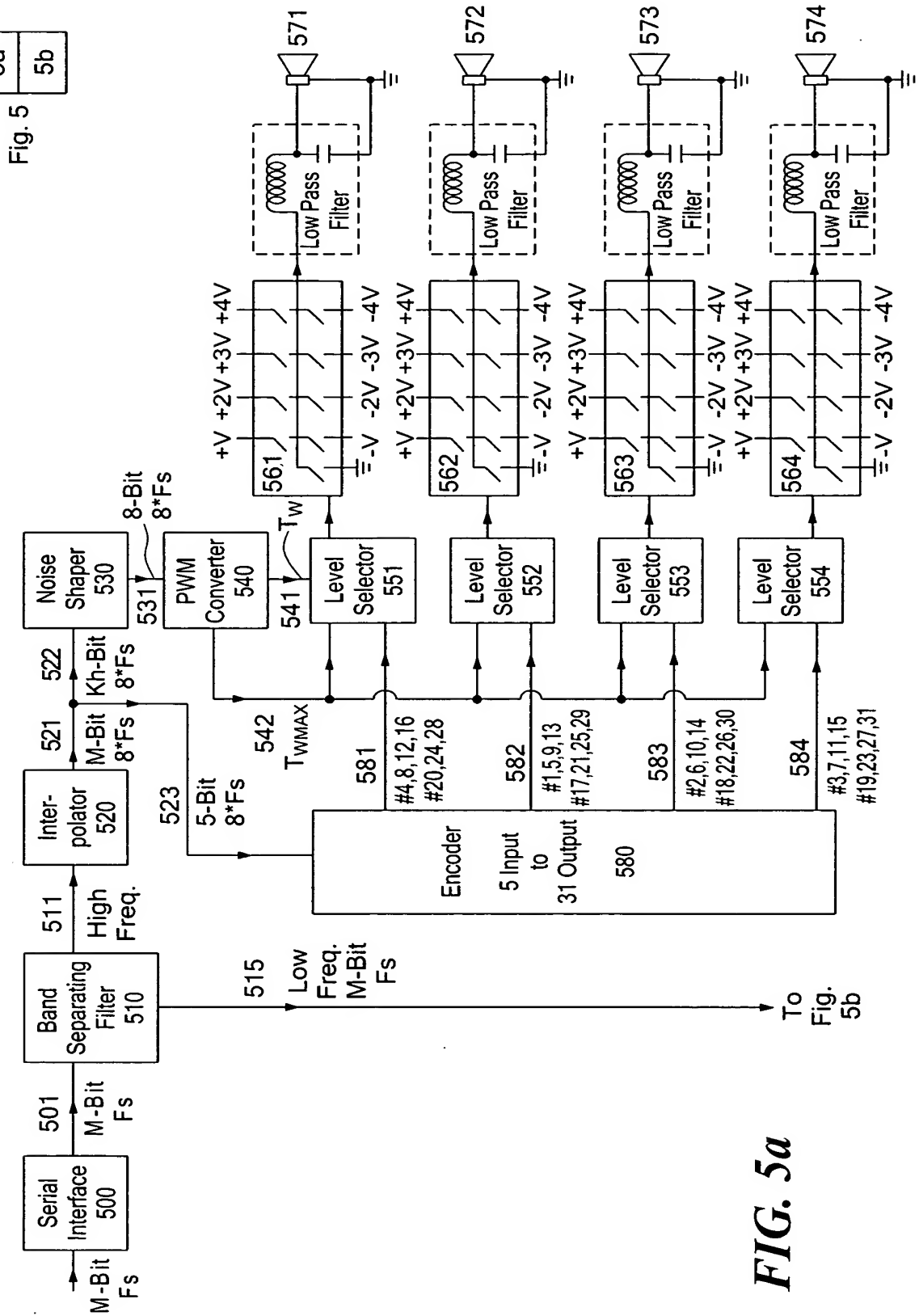


FIG. 5a

6/7

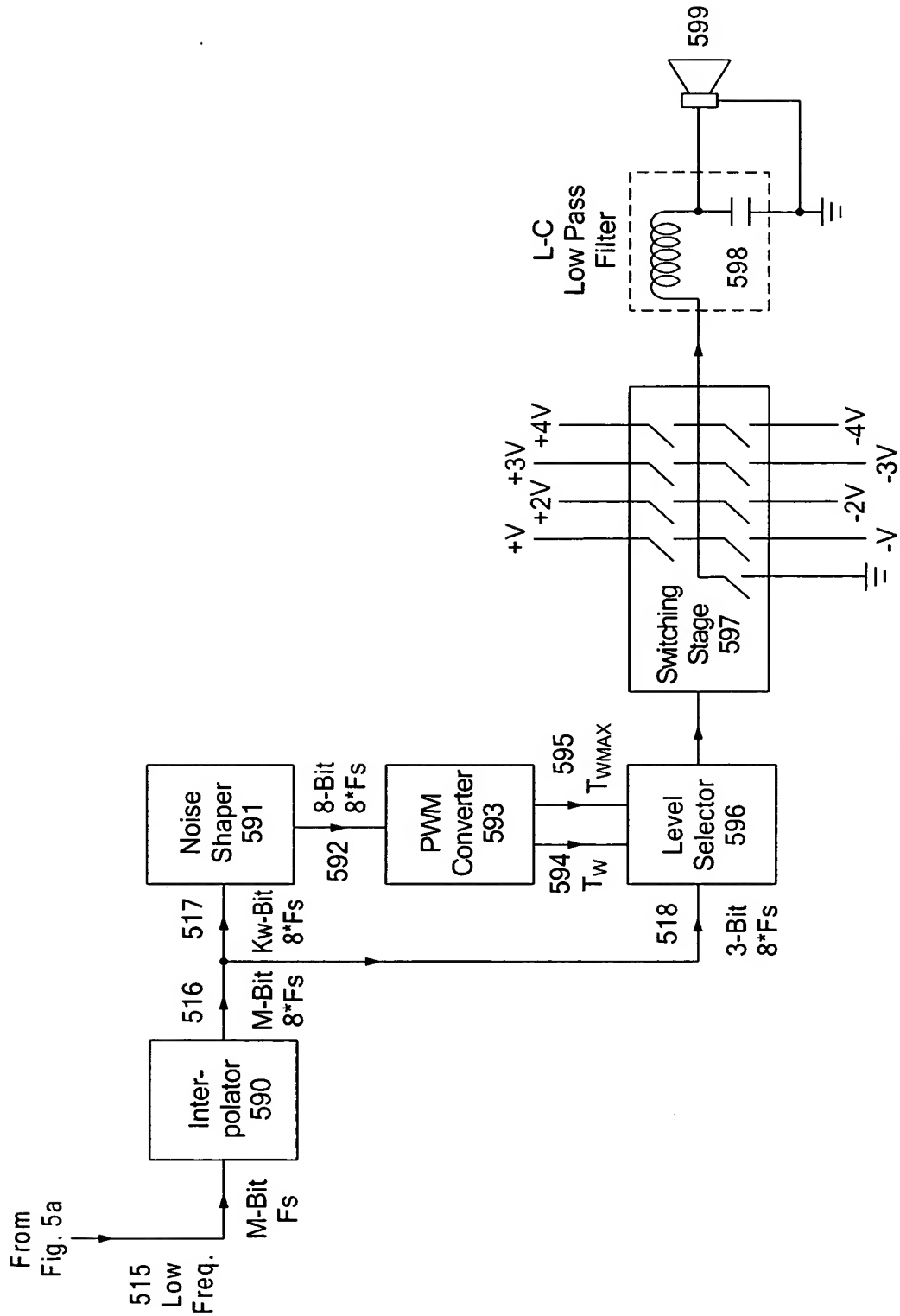


FIG. 5b

7/7

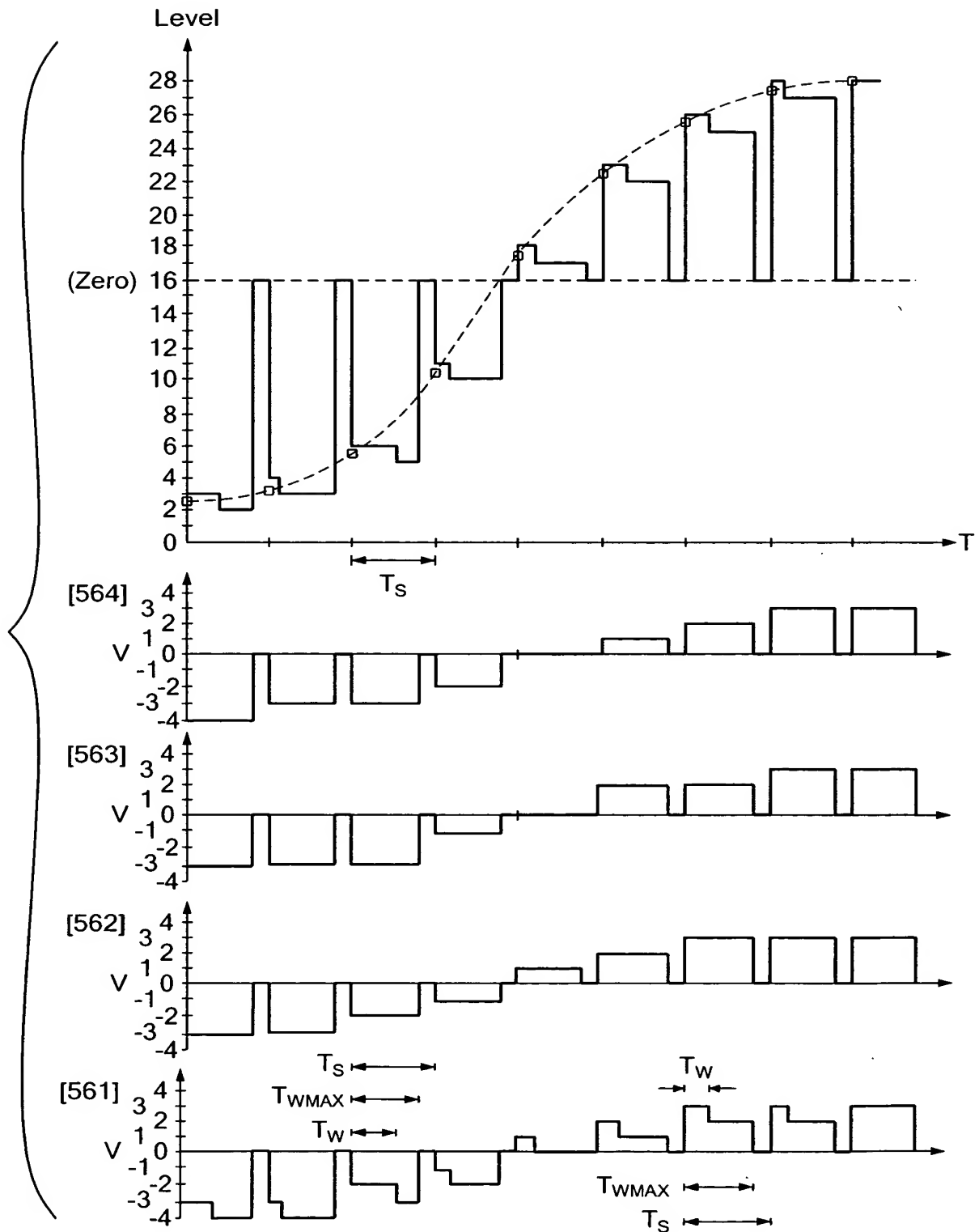


FIG. 6